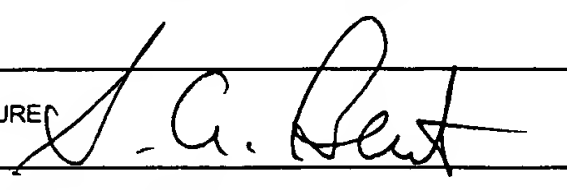


FORM PTO-1390 (Modified) (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				081356/0158	
				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unassigned 09/763362	
INTERNATIONAL APPLICATION NO. PCT/JP99/04518		INTERNATIONAL FILING DATE 23/August/1999		PRIORITY DATE CLAIMED 21/August/1998	
TITLE OF INVENTION METHOD FOR MODIFYING CHROMOSOMES					
APPLICANT(S) FOR DO/EO/US Kazuma TOMIZUKA, Hitoshi YOSHIDA, Isao ISHIDA, Yoshimi KUROIWA, Kasunori HANAOKA, Mitsuo OSHIMURA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.	<input type="checkbox"/>	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).			
4.	<input checked="" type="checkbox"/>	A proper Demand for International Preliminary Examination was made by the 19 th month from the earliest claimed priority date.			
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)			
6.	<input checked="" type="checkbox"/>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).			
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made.			
8.	<input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	<input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.	<input type="checkbox"/>	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
11.	<input type="checkbox"/>	Applicant claims small entity status under 37 CFR 1.27.			
Items 12. to 17. below concern other document(s) or information included:					
12.	<input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
13.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
14.	<input type="checkbox"/>	A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.			
15.	<input type="checkbox"/>	A substitute specification.			
16.	<input type="checkbox"/>	A change of power of attorney and/or address letter.			
17.	<input checked="" type="checkbox"/>	Other items or information: Paper copy of Sequence Listing (32 pgs)			

U.S. APPLICATION NO. (If known, see 37 CFR 1.50) Unassigned 097763362		INTERNATIONAL APPLICATION NO. PCT/JP99/04518		ATTORNEY'S DOCKET NUMBER 081356/0158					
18. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS		PTO USE ONLY			
Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO.....\$860.00									
International preliminary examination fee paid to USPTO (37 CFR 1.482)\$690.00									
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$710.00									
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00									
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00									
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$860.00					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 Months from the earliest claimed priority date (37 CFR 1.492(e))									
Claims	Number Filed		Included in Basic Fee		Extra Claims		Rate		
Total Claims	92	-	20	=	72	x	\$18.00	\$1296.00	
Independent Claims	12	-	3	=	9	x	\$80.00	\$720.00	
Multiple dependent claim(s) (if applicable)						\$270.00			
TOTAL OF ABOVE CALCULATIONS =						\$2876.00			
Reduction by 1/2 for filing by small entity, if applicable.						\$0.00			
SUBTOTAL =						\$2876.00			
Processing fee of \$130.00 for furnishing English translation later the 30 months from the earliest claimed priority date (37 CFR 1.492(f). +									
TOTAL NATIONAL FEE =						\$2876.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +									
TOTAL FEES ENCLOSED =						\$2876.00			
						Amount to be: refunded \$			
						charged \$			
a. <input checked="" type="checkbox"/> A check in the amount of \$2876.00 to cover the above fees is enclosed.									
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$2876.00 to the above fees. A duplicate copy of this sheet is enclosed.									
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.									
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Foley & Lardner Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5109					SIGNATURE 				
					NAME STEPHEN A. BENT				
					REGISTRATION NUMBER 29,768				